explore more

User Manual

MiVue™ M350

Table of Contents

Precautions and notices....3

Getting to know the recorder....5

Inserting a memory card....7

Charging the battery....8

- Connecting to the AC charger....8
- Connecting to a computer....9
- Connecting to a motobike....10

Operating basics....11

- Turning the recorder ON and OFF....11
- Setting your recorder....12
  - Setting the date and time....12
  - Setting the resolution....13
- Standard recording....14
- Continuous recording....15
- Playback on an external viewing device....16

System settings....17

MiVue Manager....19

- Installing MiVue Manager....19
- Playing the recording files....19
- Settings menu....23

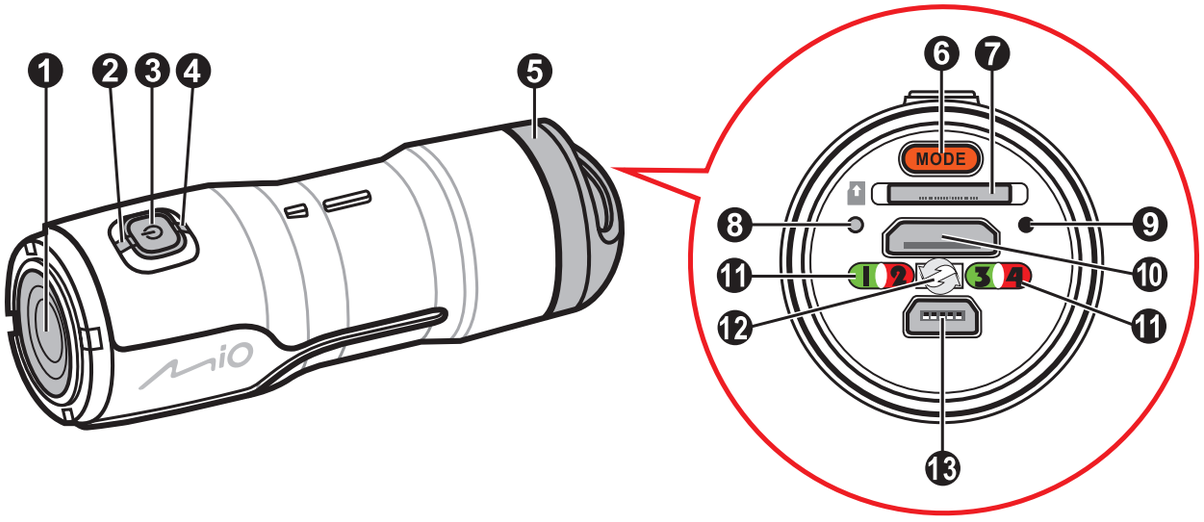
Caring for your device.....24
Regulatory information.....25
CE.....25
WEEE.....26
Safety precautions.....26
About charging.....26
About the charger.....26
About the battery.....27

Precautions and notices

- Never attempt to disassemble, repair or make any modifications to your recorder. Disassembly, modification or any attempt at repair could cause damage to the recorder and will void any warranty.
- If you see or smell smoke from the recorder, unplug the power charger immediately.
- Keep the recorder away from the chemical substances or detergents. They could be corrosive and cause damage to the surface of the recorder.
- Do not subject your recorder to severe shock, or insert any object other than memory card into the slot.
- Make sure that no object is blocking the camera lens and no reflective material appears near the lens. Please keep the lens clean.
- Always use the supplied mounting equipment with the recorder. When mounting on a motorbike or bicycle, make sure that you place the recorder in an appropriate place, so as not to obstruct your view.
- A MicroSD card (not included) is required for video recordings.
- Make sure to unplug and put away the charger when you stop and step away from the motorbike or bicycle.
- For your own safety, do not operate the controls of the recorder while riding a motorbike or bicycle.

- It is normal for the quality of video to be momentarily affected as the recorder moves from very dark to very bright conditions.
- When a major accident happens and causes the power supply to disrupt, the incident might not be recorded.
- Do not submerge the recorder below 3 metres of water. When swimming, bring the recorder to the surface and out of the water once per hour.
- When taking the recorder out of the water, make sure the device is completely dried-up and all foreign objects are removed before opening the protective cover.
- As the battery life may be affected by extreme cold temperatures, you are advised to turn on the device in a warm place before use and to keep the device connected to power when in use.
- Your recorder may be connected to an external viewing device that supports the High Definition (HD) feature via a HD cable (not supplied). For your safety, **DO NOT** use this feature when you are on the road.

Getting to know the recorder



	Name	Description
❶	**Camera lens**	Make sure that no object is blocking the camera lens and no reflective material appears near the lens.
❷	**Status indicator**	Glows in red when the recording is in progress.
❸	**Power/Record button**	Press and hold to turn the recorder ON and OFF.
		Press briefly to start and stop a recording.
❹	**Power indicator**	Glows in blue when the recorder is turned ON.
❺	**Protective cover**	Rotate to open and access more features.

	Name	Description
❻	**Mode button**	Press to switch between standard mode and continuous mode.
		Press to change the resolution/frame rate.
❼	**Memory card slot**	Accepts a MicroSD card. **Note:** You are advised to use a Class 6 memory card with at least 8GB capacity.
❽	**Charge indicator**	Glows in green when charging is in progress. It turns off when the battery is fully charged.
		Flashes in red when the memory card is full or not inserted.
❾	**Reset button**	Shuts down your recorder.
❿	**HD connector**	Connects to an external viewing device.
⓫	**Resolution/ frame rate indicators**	Show the settings of the image resolution and frame rate. See the "Setting the resolution" section for more information.
⓬	**Continuous mode indicator**	Glows in amber when the recorder is in continuous mode.
⓭	**Mini-USB connector**	Connects to the charger.

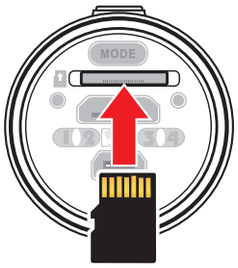
Inserting a memory card

CAUTION: Do not apply pressure to the centre of the memory card.

You have to insert a memory card before you can start recording.

The recorder supports MicroSD cards with up to 32GB capacity. You are advised to use a Class 6 memory card with at least 8GB capacity.

Hold the card (MicroSD) by the edges and gently insert it into the slot with the label facing down.



To remove a card, gently push the top edge of the card inwards to release it, and pull it out of the slot.

Note: MiTAC does not guarantee the product's compatibility with MicroSD cards from all manufacturers.

Note: Before you start recording, please format the MicroSD card to avoid malfunction caused by files not created by MiVue M350.

Charging the battery

When charging the battery for the first time, you should fully charge the battery. To reduce the battery charging time, turn off your recorder when charging.

The charge indicator glows in green when charging is in progress. When the battery is fully charged, the indicator turns off.

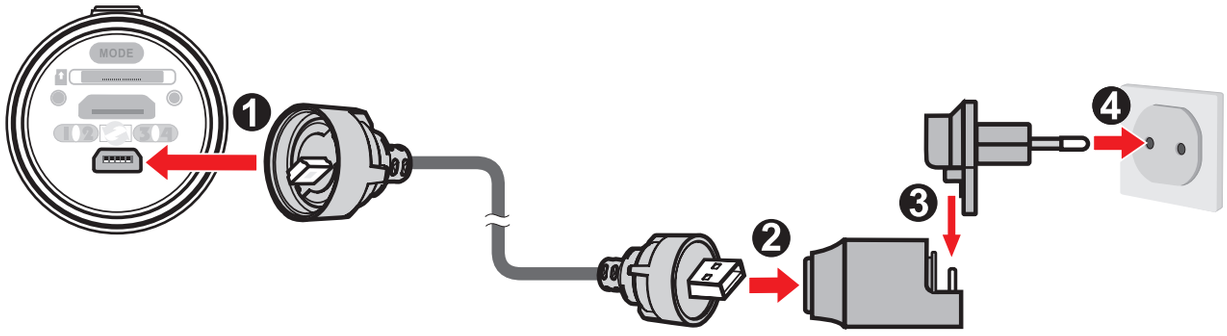
Note: Depending on the model you purchased, the look of the accessories may not exactly match the graphics shown.

Note: The recorder will automatically power on when connecting to a power source.

Note: The recorder will vibrate 3 times when the battery power is low. Connect the recorder to a power source for charging.

Connecting to the AC charger

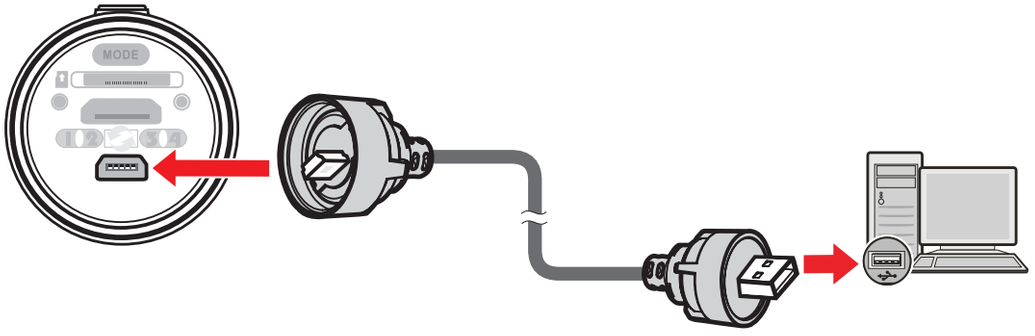
1. Remove the protective cap.
2. Connect the mini-USB end of the USB cable to your recorder (❶). Then tightly secure the cap at the mini-USB end.
3. Connect the other end to the AC charger (❷).
4. Install the plug of your region to the AC charger (❸) and plug the AC charger into a wall outlet (❹).



Connecting to a computer

Note: The recorder will automatically power on when connecting to a power source.

1. Turn on your computer.
2. Remove the protective cap.
3. Connect the mini-USB end of the USB cable to your recorder. Then tightly secure the cap at the mini-USB end.
4. Push the cap at the USB end inwards to reveal the connector, and plug the connector to a USB port on your computer.



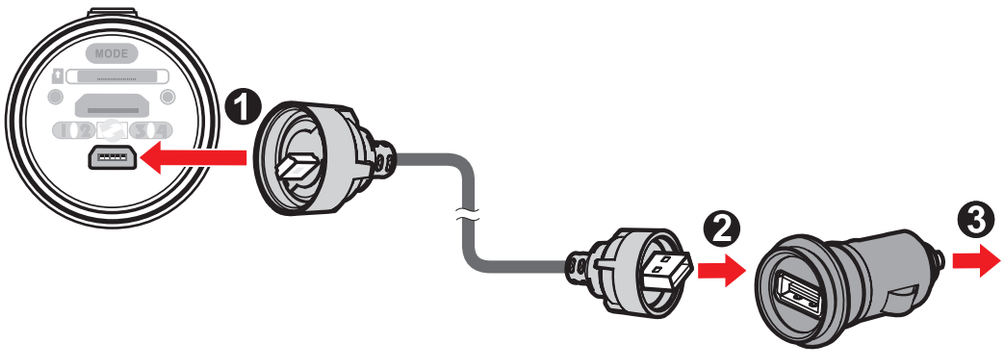
Connecting to a motobike

If your motorbike is equipped with a charger socket, you can charge your recorder on a motobike with the supplied USB charger.

Note: To install the cigar plug cable on a motorbike, contact your motorbike dealer.

1. Remove the protective cap.
2. Connect the mini-USB end of the USB cable to your recorder (❶). Then tightly secure the cap at the mini-USB end.
3. Pull the cap at the USB end outwards, and plug the connector to the USB charger (❷).

   Make sure the cap and the charger are secured tightly.
4. Plug the USB charger into the cigar plug on your motorbike (❸).



Operating basics

Turning the recorder ON and OFF

To turn on the recorder, press and hold the Power/Record button ( ) for 5 seconds. The recorder will vibrate 3 times and the power indicator will glow in blue.

To turn off the recorder, press and hold the Power/Record button ( ) for 5 seconds. The recorder will vibrate 3 times and the power indicator will be off.

Note: By default, the recorder will turn off automatically after 5 minutes of inactivity. You can change the auto power-off settings. (See the "System settings" section for more information.)

Note: The recorder will turn off automatically if the MicroSD card is not inserted.

Note: Alternatively, you can press the reset button to directly shut down the recorder. To shut down the recorder, insert a small rod, such as a straightened paperclip, into the reset button of your recorder.

Setting your recorder

Setting the date and time

To ensure the accuracy of recorded date and time, make sure to set the date and time before recording.

1. Make sure the MicroSD card is inserted.
2. Remove the protective cap.
3. Turn on your computer and the recorder.
4. Connect the recorder to your computer. (See the "Connecting to a computer" section for detailed information.)
5. The recorder will be recognised as an external storage device. Open the “Time.txt” file from the root directory of the MicroSD card.
6. Enter the correct date and time by following the sequences below.

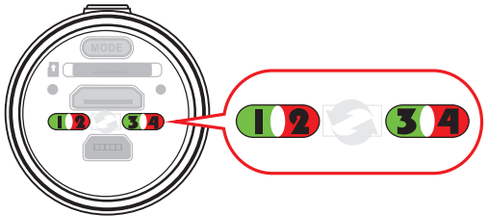
   - **Date:** YYYY/MM/DD (for example, "2013/04/19")
   - **Time:** hh:mm:ss (for example, "10:30:54")
7. Change the setting value of [UPDATE:] from [N] to [Y] to save the changes. Otherwise, your changes will not be saved.
8. Close the “Time.txt” file.

9. For the changes to take effect, restart the recorder with the MicroSD card inserted.

Setting the resolution

Note: You cannot set the recorder when the recording is in progress.

1. Make sure the MicroSD card is inserted.
2. Remove the protective cap.
3. Turn on the recorder.
4. Press the Mode button (MODE) to toggle through the resolution/frame rate options. The resolution/frame rate indicators glow to show your settings.



Indicator	Status	Resolution/Frame rate
Indicator 1	glows in green	1080p/30 FPS
Indicator 2	glows in red	960p/30 FPS
Indicator 3	glows in green	720p/60 FPS
Indicator 4	glows in red	720p/30 FPS

Standard recording

Note: You cannot swtich to a different mode when the recording is in progress.

CAUTION: Keep the MicroSD card inserted in the recorder while recording.

1. Make sure the MicroSD card is inserted.
2. Remove the protective cap.
3. Turn on the recorder.
4. Press the Power/Record button ( ) briefly. The status indicator glows in red. The recording starts after the recorder vibrates once.

   Note: The recording will be divided into video clips with 4GB for each clip. The recording will stop when the MicroSD card is full.
5. To stop the recording, press the Power/Record button ( ) briefly. The recorder vibrates once and the status indicator is off, indicating that the recording has stopped.

Continuous recording

Note: You cannot swtich to a different mode when the recording is in progress.

CAUTION: Keep the MicroSD card inserted in the recorder while recording.

1. Make sure the MicroSD card is inserted.
2. Remove the protective cap.
3. Turn on the recorder.
4. Press and hold the Mode button (MODE) until the continuous mode indicator glows in amber. The recording starts after the recorder vibrates once.

   The recording will be divided into several video clips (3 minutes for each clip by default); recording will not stop between clips.

   Note: In the continuous mode, if your memory card is full, the recording continues and the earliest clips will be overwritten by the new ones.

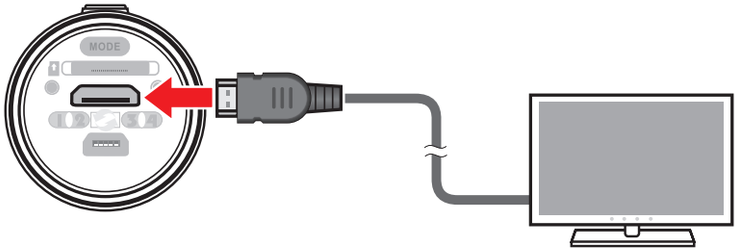
   Note: You can set the interval of each video clip. (See the "System settings" section for more information.)

5. To stop the recording, press the Power/Record button (⏻) briefly. The recorder vibrates once and the status indicator is off, indicating that the recording has stopped.

Playback on an external viewing device

You can connect the recorder to an external viewing device to view the recorded video. For your safety, **DO NOT** use this feature when you are on the road.

1. Make sure the MicroSD card with the recorded video is inserted.
2. Turn on the recorder and the external device.
3. Connect the small end of the HD cable to the rear side of the recorder.
4. Connect the other end of the HD cable to the HD connector on the external device.



5. The recorded video will be displayed on the external device. Press the Power/Record button (⏻) repeatedly to select the desired video.
6. To start the playback, press and hold the Power/Record button (⏻) for 2 seconds.
7. To stop the playback, press and hold the Power/Record button (⏻) for 2 seconds.

System settings

You can set the advanced features using the "Config.txt" file.

Note: The settings are for professional users only. If you are not familiar with the settings, do not try to change them; otherwise, it may cause damage to the recorder.

Item	Descriptoin	Range/Option
AE	Auto exposure	Range: 0~2 Options: (0) Center; (1) Average; (2) Spot
AWB	White balance	Range: 0~6 Options: (0) Auto; (1) Incandescent; (2) D4000; (3) D5000; (4) Sunny; (5) Cloudy; (6) Flash
EV	Exposure	Range: 0~12 Options: (0) -2EV; (3) -1EV; (6) 0EV; (9) +1EV; (12) +2EV
SHRP	Sharpness	Range: 1 ~ 5 Options: (1) Soft; (3) Standard; (5) Hard
CTST	Contrast	Range: 32 ~ 88 Options: (32) Soft; (64) Standard; (88) Hard
SAT	Saturation	Range: 0 ~ 255

Item	Descriptoin	Range/Option
MIC	Microphone volume	Range: 0 ~ 59db
DEF	Digital effect	Range: 0 ~ 5 Options: (0) Off; (1) Art; (2) Sepia; (3) Negative; (4) Black White; (5) Vivid
FLK	Flicker	Range: 0 ~ 2 Options: (0) Auto; (1) 60Hz; (2) 50Hz
SPLIT	Split file setting for continuous recording	Range: 60/180/300 Options: (60)1 Min; (180) 3 Min; (300) 5 Min
VQAL	Video quality	Range: 0 ~ 2 Options: (0) Super Fine; (1) Fine; (2) Normal
VSTP	Video stamp	Range: 0 ~ 3 Options: (0) Off; (1) Date; (2) Time; (3) Date&Time
APO	Auto power-off	Range: 0 ~ 300 Options: (0) Off; (180) 3Min.; (300) 5Min.
VOS	Video output system	Range: 0 ~ 1 Options: (0) NTSC_30; (1) PAL_25

MiVue Manager

MiVue Manager™ is a tool for you to view the videos recorded on a MiVue recorder.

Note: Not all features are available for every model.

Installing MiVue Manager

Go to Mio™ website (www.mio.com) to download MiVue Manager. Double-click Setup.exe and follow the on-screen prompts to install MiVue Manager.

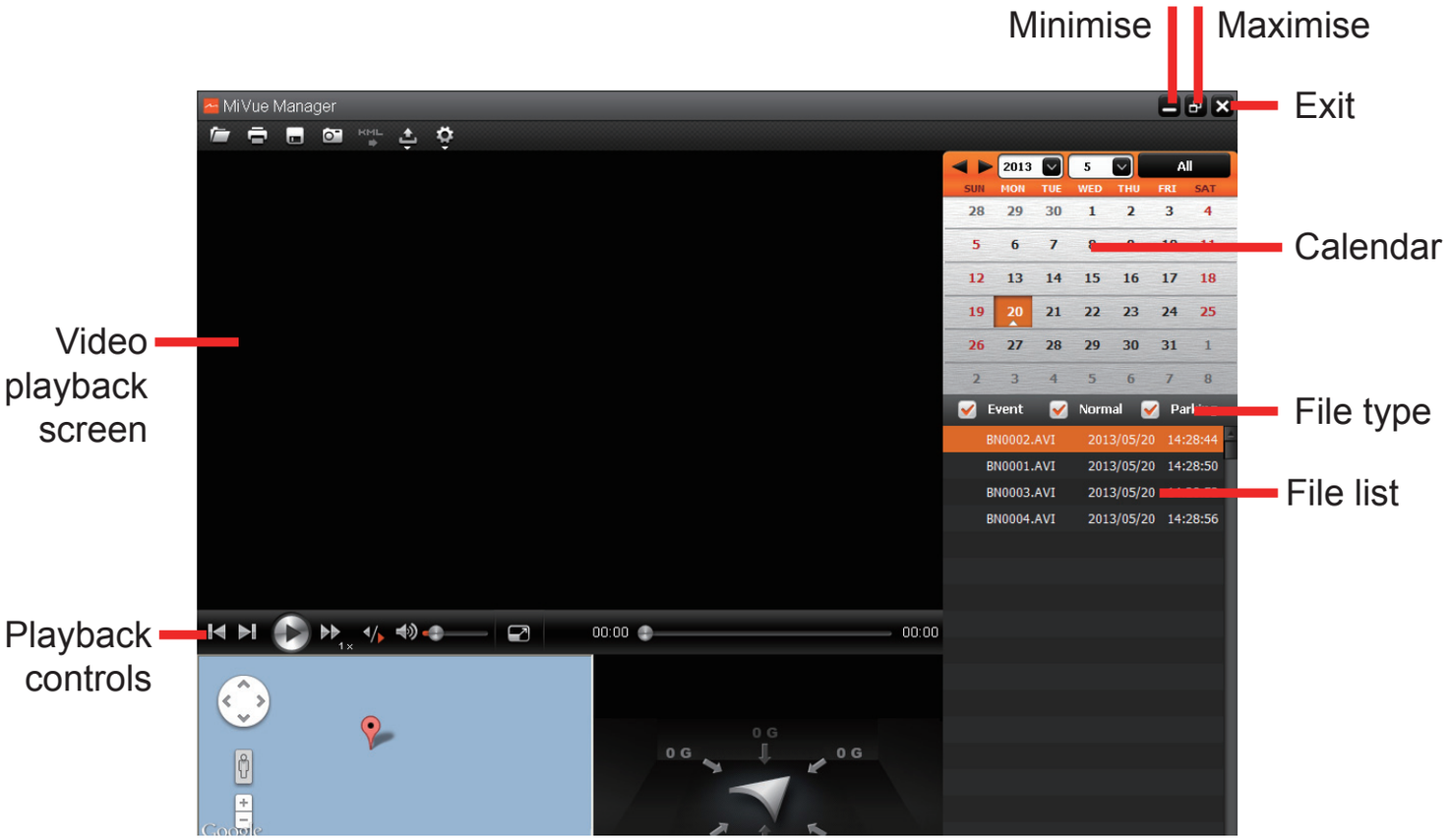
Playing the recording files

Note: You are advised to copy the recording files to your computer for backup and playback.

1. Do one of the following:
   - Connect the mini-USB end of the USB cable to the recorder and the other end to a USB port on your computer.
   - Remove the memory card from the recorder and access the card on the computer via a card reader.
2. Start MiVue Manager on the computer.

   Note: The Map screen may not display when the computer is not connected to the Internet.

   Note: Your MiVue model does not support G-sensor.



3. By default, MiVue Manager shows the calendar and the file list on the right. Click on the upper-left corner to select the folder that stores the recording files.

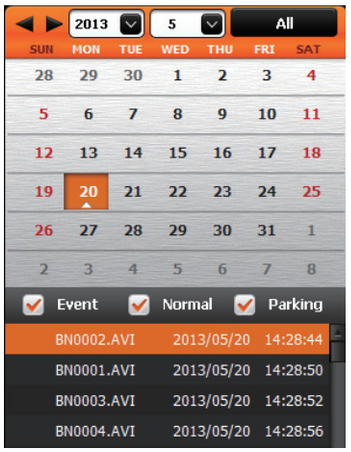
   - When a recording file exists, you will see the date marked with "▲." Click that date to display the files that were recorded on that date.
   - You can choose the file type to display: **Normal** (continuous recordings).

     Note: Your MiVue model does not support "Event" or "Parking."

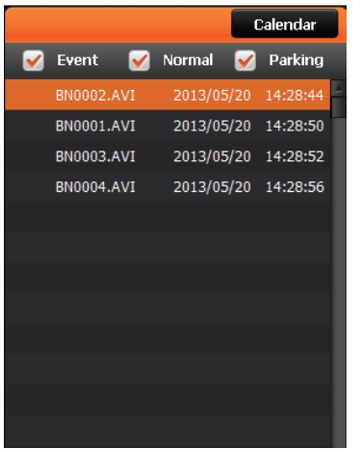
- To display all files in the current folder, click **All**. To return to the calendar view, click **Calendar**.

Calendar

Calendar and File List



All File List



4. Double-click the desired file on the file list to start playback.

5. The playback controls are described as follows:

Icon	Description
	Starts or resumes the playback.
	Pauses the playback.
	Skips to the previous / next file on the list.
	Changes the playback speed to 1/4x, 1/2x, 1x (default), 1.5x, or 2x.
	Changes the playback direction. The ▶ icon indicates the current playback direction.

Icon	Description
	Mutes or unmutes the volume.
	Adjusts the volume level.
	Plays the video in full screen.
	Returns to the normal view.
	Displays the playback progress. You can click on a point along the track bar to move directly to a different location for the playback.

6. The tool bar allows you to do the following:

- Click to preview and print the current video image.
- Click to back up the selected files to the specified location on your computer.
- Click to capture and save the current video image to the specified location on your computer.
- Click to export the GPS information of the selected file in the KML format to the specified location on your computer.

  Note: GPS supported through optional accessory only.

- Click to upload the selected file to Facebook or YouTube™.
- Click to open the Settings menu. (See the next section.)

Settings menu

Click to open the Settings menu. The Settings items are described as follows:

- **Change Language**: Sets the display language of MiVue Manager.
- **Change Skin**: Sets the color scheme of MiVue Manager.
- **Check for Update**: Checks if there is any new version of MiVue Manager.

  Note: Internet access is required for this feature.
- **About**: Displays the version and copyright information of MiVue Manager.

Caring for your device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage.

- Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- The screen surface can easily be scratched. Avoid touching it with sharp objects.
- Never clean your device with it powered on. Use a soft, lint-free cloth to wipe the screen and the exterior of your device.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.
- To discourage theft, do not leave the device and accessories in plain view in an unattended vehicle.
- Overheating may damage the device.

Regulatory information

CE

Products with the CE marking comply with the Electromagnetic Compatibility Directive (2004/108/EC) - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

- EN 55022:2010
- EN 61000-3-2:2006 +A1:2009 +A2:2009,
- EN 61000-3-3:2008
- EN 55024:2010
- IEC 61000-4-2:2008
- IEC 61000-4-3:2006+A1:2007+A2:2010
- IEC 61000-4-4:2012
- IEC 61000-4-5:2005
- IEC 61000-4-6:2008
- IEC 61000-4-8:2009
- IEC 61000-4-11:2004

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

WEEE

This product must not be disposed of as normal household waste, in accordance with the EU directive for waste electrical and electronic equipment (WEEE – 2002/96/EC). Instead, it should be disposed of by returning it to the point of sale, or to a municipal recycling collection point.

Safety precautions

About charging

- Use only the charger supplied with your device. Use of another type of charger may result in malfunction and/or danger.
- This product is intended to be supplied by a LISTED Power Unit marked with “LPS”, “Limited Power Source” and output rated + 5 V dc / 1.0 A.
- Use a specified battery in the equipment.

About the charger

- Do not use the charger in a high moisture environment. Never touch the charger when your hands or feet are wet.
- Allow adequate ventilation around the charger when using it to operate the device or charge the battery. Do not cover the charger with paper or other objects that will reduce cooling. Do not use the charger while it is inside a carrying case.

- Connect the charger to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the charger if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

About the battery

- Use a specified battery in the equipment.
- CAUTION: This unit contains a non-replaceable internal Lithium Ion battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.
- Important instructions (for service personnel only)
    - Caution: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
    - Replace only with the same or equivalent type recommended by the manufacturer.
    - The battery must be recycled or disposed of properly.
    - Use the battery only in the specified equipment.

Revision: R02

(2/2015)

Trademarks

All brand and product names are trademarks or registered trademarks of their respective companies.

Disclaimer

Specifications and documents are subject to change without notice. MiTAC does not warrant this document is error-free. MiTAC assumes no liability for damage incurred directly or indirectly from errors, omissions, or discrepancies between the device and the documents.

Notes

Not all models are available in all regions.

Depending upon the specific model purchased, the color and look of your device and accessories may not exactly match the graphics shown in this document.

The IEC 60529/IPX8 is an European system of test specification standards for classifying the degrees of protection provided by the enclosures of electrical equipment. An IPX8 designation means that the unit withstands immersion in three metres (approx 10 ft.) of still water for up to 1 hour. Mio guarantees this grade provided the battery door and all the jack covers are properly and securely closed.

MiTAC Europe Ltd
www.mio.com